

LISTING OF CLAIMS:

Claims 1-22 (Canceled).

23. (new) A radiographic image reading system including a cassette to record a radiographic image information of an object to be radiographed and an apparatus to read out the radiographic image information, wherein:

the cassette comprises:

a sheet-shaped recording medium having a front member through which the recording medium receives the radiographic image information of the object, and a back member positioned opposite to the front member, wherein the front and back members are relatively attached to each other so as to form an accommodation space in which the sheet-shaped recording medium is accommodated or detached from each other to open the recording medium; and

the apparatus to read out the radiographic image information comprises:

an insertion section to insert the cassette into the apparatus,

a conveying section to convey the cassette within the apparatus,

a separation section to separate the back member from the front member,

a holding section to hold the back member and the

recording medium for reading out the radiographic image information,

a scanning section to read out the radiographic image information from the recording medium by relative movement between the recording medium and the scanning section,

a peeling off section to peel off the back member and the recording medium against the holding section,

a combination section to combine the separated front member with the back member and the recording medium again,

wherein the peeling off section peels off the back member and the recording medium against the holding section, after the front member is combined with the back member again by the combination section,

a detection section to detect a misholding of at least one of the back member and the recording medium by the holding section, and

a control section to control the apparatus according to the detection section so as to prevent damage of the apparatus and the cassette.

24. (new) The radiographic image reading system of claim 23, wherein the detection section detects the misholding of at least one of the back member and the recording medium toward the scanning section.

25. (new) The radiographic image reading system of claim 24, wherein the detection section detects the misholding of the back member by detecting an inclination of a tracing rod tracing the back member during the relative movement.

26. (new) The radiographic image reading system of claim 24, the relative movement between the recording medium and the scanning section is prohibited in a case of a detection of the misholding.

27. (new) The radiographic image reading system of claim 23, wherein the detection section detects the misholding of at least one of the back member and the recording medium toward a direction of gravitational force.

28. (new) The radiographic image reading system of claim 23, wherein a combination of the back member and the recording medium with the front member and peeling off the back member and the recording medium against the holding section are prohibited in a case of a detection of the misholding.